



**DEPARTMENT OF BIOTECHNOLOGY**  
**Indian Institute of Technology, Madras, Chennai, 600 036,**  
Telephone No.22574107, 22574100, FAX No.22574102

---

MUKESH DOBLE  
Professor and Head

Date: 03.05.13

**Ref: BT/KRAM/2013/08/SPL**

**Dt.03.05.13**

**Due Dt.20.05.13**

1. Quotations are invited in duplicate for the various items shown below/overleaf/ enclosed list.
2. The quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate Contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for should be submitted free of charges and collected back at the supplier's expenses.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai. If F.O.R. Consigner stationer freight charges by passenger train/lorry transport must be indicated. If Ex-Godown, Packing, forwarding and freight charges must be indicated.
8. The rates of Sales/General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales/General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to non-government educational institutions run with no profit motive for which a Concession. Sales tax certificates will be issued at the time of final settlement of the bill.**
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

## SPECIFICATIONS

### List of Items Required

#### **(A) Dual-Tesla K20 Workstations, Quantity: 2 numbers**

1. Processors: 2 x Intel® Xeon® Processor E5-2620(15M Cache, 2.00 GHz, 7.20 GT/s Intel® QPI)
2. Configuration: Dual Processor Capable Configuration
3. Chipset: Intel® 5520 chipset with Intel® I/O Controller Hub ICH10R
4. Memory: 16.0GB DDR3 ECC Reg. RAM (4.0GB x 4)
5. Add-in card Slots: 2 PCI Express\* 2.0 x16 slot (x16 mechanical); 1 PCI Express 1.0 x4 slot (x8 mechanical shared with optional SAS module); 1 PCI Express 1.0 x1 slot (x4 mechanical); 1 PCI 32/33 5V slot
6. Hard Disk Drive: 2 x 1.0TB SATA Hard Disk drive
7. Monitor: 23" LED Monitor
8. Graphics: Server Engine\* LLC Pilot II\* Controller with 64 MB DDR2 memory, 8 MB allocated to graphics
9. TESLA K20: 2 x Nvidia Tesla K20 with 5.0GB RAM each
10. Optical Drive: DVD-RW Drive
11. Onboard LAN: Embedded dual port Intel® 82575EB Gigabit Ethernet Controller with Intel® Virtualization Technology
12. Chassis & Power Supply: Tower Chassis with 1000 watts Single Power Supply

### General Conditions

1. The bidder must have supplied, installed and integrated at least five similar systems across India, preferably in IIT Madras/other IITs/ R&D labs. Please provide a list of your installations.
2. Delivery time for the workstations, from the date of issue of PO, should be indicated by the vendor.
3. The period of warranty will be for three years (comprehensive on-site) from the date of acceptance.
4. Quotations supplied must have a validity period of at least 60 days.

I may be contacted at [kraman@iitm.ac.in](mailto:kraman@iitm.ac.in) or +91-44-2257-4139, if there are any questions.

Ref: BT/KRAM/2013/08/SPL

Dt.03.05.13

Due Dt.20.05.13

**Head of the Department**